UNIQUE COMMUNICATIONS INC.
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www.uniquecomm.com
1800-265-9605

Honeywell

ADEMCO VISTA-10P
ADEMCO VISTA-10PSIA
Security Systems

User Guide

K0736V4 10/08 Rev. E

IMPORTANT!

PROPER INTRUSION PROTECTION

For proper intrusion coverage, sensors should be located at *every possible point of entry* to a home or commercial premises. This would include any skylights that may be present, and the upper windows in a multi-level building.

In addition, we recommend that radio backup be used in a security system so that alarm signals can still be sent to the Central Monitoring Station in the event that the telephone lines are out of order (alarm signals are normally sent over the phone lines).

EARLY WARNING FIRE DETECTION

Early warning fire detection is important in a home. Smoke and heat detectors have played a key role in reducing fire deaths in the United States. With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's National Fire Alarm Code (NFPA 72). These recommendations can be found on page 43 of this manual.

SYSTEM COMPATIBILITY NOTICE

Your Honeywell security system is designed for use with devices manufactured or approved by Honeywell for use with your security system. Your Honeywell security system is not designed for use with any device that may be attached to your security system's keypad or other communicating bus if Honeywell has not approved such device for use with your security system. Use of any such unauthorized device may cause damage or compromise the performance of your security system and affect the validity of your Honeywell limited warranty. When you purchase devices that have been manufactured or approved by Honeywell, you acquire the assurance that these devices have been thoroughly tested to ensure optimum performance when used with your Honeywell security system.

About This Manual

This manual is a step-by-step guide that will acquaint you with the system's features and benefits. It defines the components and their functions, describes their operation, and provides clear step-by-step instructions for normal and emergency procedures. Keep this manual in a convenient place so that you can refer to it as necessary.

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System Overview

Introduction

Congratulations on your ownership of a Honeywell Security System. You've made a wise decision in choosing it, for it represents the latest in security protection technology today. This system provides:

- Three forms of protection: burglary, fire* and emergency
- At least one keypad which provides control of system and displays system status
- Various sensors for perimeter and interior burglary protection
- Smoke or combustion detectors* designed to provide early warning in case of fire.

Your system may also have been programmed to automatically send alarm or status messages to a Central Monitoring Station.

** Commercial installations and some residential systems may not include fire protection – check with your installer.*

NOTE: The features and procedures described in this manual apply to the ADEMCO VISTA-10P and ADEMCO VISTA-10PSIA. Differences are noted where applicable.

System Basics

Burglary Protection

- Several modes of burglary protection: Stay, Night-Stay, Away, Instant, Maximum.
  STAY: arms perimeter zones only and entry delay is on
  INSTANT: same as STAY, except entry delay is off
  NIGHT-STAY: arms perimeter zones and selected interior zones; entry delay on
  AWAY: arms perimeter and all interior zones, entry delay is on
  MAXIMUM: same as AWAY, except entry delay is off
- You can BYPASS selected zones while leaving the rest of the system armed.
- CHIME mode alerts you to the opening of protected doors and windows while the system is disarmed.

Fire Protection and Carbon Monoxide Protection

- Fire and carbon monoxide protection is always active (if installed) and an alarm sounds if a fire or carbon monoxide condition is detected
- If necessary, you can manually initiate a fire alarm using the keypad (if programmed).
- Refer to the Fire Alarm System section for information regarding fire protection, carbon monoxide protection, smoke detectors and planning emergency exit routes.

Security Codes

- You were assigned a 4-digit security code (master code) during installation.
- Use your security code when arming and disarming the system, and when performing other system functions.
- Other users can be assigned different security codes, each with different authority levels, which define the system functions a particular user can perform.

System Overview (Continued)

Zones

- The system sensing devices have been assigned to various "zones," which are specific areas of protection (e.g., front door, kitchen window, etc.).
- Zone numbers are displayed at the keypad when an alarm or trouble condition occurs on a sensor.

Arming, Step-Arming and Disarming Burglary Protection

- The system must be armed before the burglary protection can sense intrusions.
- To arm your system, enter your security code followed by the desired arming key.
- If programmed, the [#] key can be pressed in place of your security code when arming the system (e.g., instead of entering your 4-digit security code + [3-STAY] to arm the system in STAY mode, you can press [#] + [3-STAY]).
- You can also use the step-arming key, if programmed, to arm the system, which lets you use a function key to arm the system in one of three modes by simply pressing the key repeatedly.
- To disarm the system, enter your security code then press the [OFF] key.

Alarms

- When an alarm occurs, the keypad sounds and displays the zone(s) causing the alarm. For most alarms, the external sounder also sounds.
- If your system is connected to a Central Monitoring Station, an alarm message will also be sent. (**Delayed Reporting Note:** By default, message reporting is not delayed. If desired, reporting can be delayed 15, 30, or 45 seconds to help reduce false alarms. See your installer if you want the delay time changed.)
- To stop the alarm sounding, simply disarm the system.

Memory of Alarm

- When an alarm condition occurs, the keypad displays the number(s) of the zone(s) that caused the problem, and displays the type of alarm (e.g., "fire").
- The message remains displayed even after disarming the system, but can be cleared with another "off" sequence.

Phone Access

- If included, a phone module permits you to access the system via a touch-tone phone, either on-premises or by calling-in when away.
- You can receive synthesized voice messages over the telephone regarding the status of the security system.
- You can arm and disarm the system and perform most function commands remotely via the telephone, with voice confirmation provided after each command entry.
- Complete information regarding the use of this feature is provided in a separate manual entitled "Phone Access User's Guide" that is supplied with the voice module.

Paging Feature

- If programmed, the system can automatically send certain system condition messages to a pager.
- The display consists of code numbers that indicate the type of condition that has occurred.

Function Keys

- The "A", "B", "C", and "D" keys on the keypad can be programmed to perform various functions.
- Functions include: activate a Panic alarm; arm the system; provide step arming; switch lights on/off; send a message to a pager; display Time/Date; start a Macro

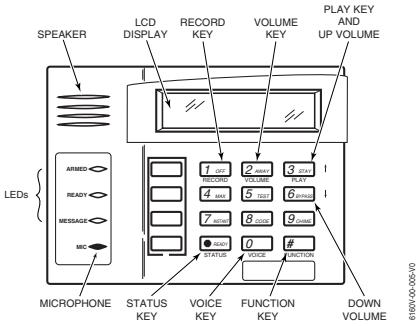
Scheduling

- Your system can be programmed to automatically perform certain functions (e.g., arm the system) at a predetermined time each day.

Using the Voice Message Center (if Voice Keypad is installed)

The Voice Keypads feature a voice message center that lets you record and playback one message.

- The message can be up to 2.5-minutes long
- The message remains in the keypad's memory until a new message is recorded.
- The volume control of the message is adjustable.
- Refer to the procedures below when using the Message Center functions.



Message Center Functions

To...	Press these keys...	Notes...
record a message	[#] FUNCTION + [0] VOICE + [1] RECORD	The red MESSAGE LED lights. Message remains in memory until a new message is recorded.
end recording	[1] RECORD	The red MESSAGE LED flashes, indicating message waiting.
play a message	[#] FUNCTION + [0] VOICE + [3] PLAY	The recorded message plays and the red MESSAGE LED turns off.
adjust the volume	[#] FUNCTION + [0] VOICE + [2] VOLUME keys, then press volume key [3] ↑ (up) or [6] ↓ (down)	Adjusting message volume also adjusts status volume. Volume cannot be adjusted while playing.

About The Keypads

General Information

Your keypads allow you to control all system functions. The keypads feature the following:

- A telephone style (digital) keypad
- Liquid Crystal Display (LCD) which shows the nature and location of all occurrences
- Built-in sounder which will sound during alarms and troubles. The sounder also "beeps" during certain system functions and when depressing any of the keys (to acknowledge the key press).
- Backlighting of the LCD display windows. Backlighting turns on when any key is pressed, and when opening an entry/exit door while the system is armed. This feature is helpful when a keypad is located in a dimly lit area.

IMPORTANT: If the keypad beeps rapidly upon entering the premises, it indicates that an alarm has occurred during your absence and an intruder may still be on the premises. LEAVE IMMEDIATELY and CONTACT THE POLICE from a nearby safe location.

Your keypads are functionally the same, but may have different types of displays, depending on the type installed with your system.

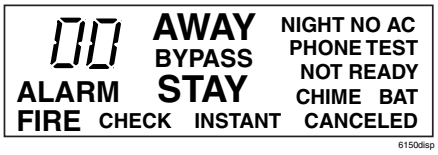
Alpha Display 2-line alpha display keypads feature a 2-line, 32-character alphanumeric LCD which can display system messages in friendly English. These keypads can also be programmed with custom zone descriptors.

Fixed-Word Display Fixed-Word display keypads are functionally identical to Alpha display keypads, but the LCD display uses pre-designated words to identify the nature and location of occurrences.

Voice Keypads Voice Keypads (if installed), are functionally the same as other keypads, except that these keypads can provide the following:

- Voice announcements of system status (see *Checking for Open Zones* section)
- Voice chime, which can alert you to the opening of doors and windows while the system is disarmed (see Voice Chime in *Chime mode* section)
- Message center, which lets you record and playback messages (see Using the Voice Message Center in the *System Overview* section).

Fixed-Word Display Keypad



FIXED-WORD DISPLAY (6150 shown)

AWAY: All burglary zones, interior and perimeter, are armed.

STAY: Perimeter burglary zones, such as protected windows and doors, are armed.

INSTANT: Entry delay is turned off:
Lit with STAY = Instant mode
Lit with AWAY = Maximum mode

BYPASS: This appears when one or more burglary protection zones have been bypassed.

NOT READY: Appears when burglary portion of the system is not ready for arming (due to open protection zones). The system is ready to arm when this message disappears and the READY indicator light comes on.

NO AC: Appears when AC power has been cut off. System is operating on backup battery power.

AC: Appears when AC power is present.

CHIME: Appears when the CHIME feature is activated.

BAT: Low battery condition in a wireless sensor (if zone number displayed) or low system battery (if no zone number displayed).

ALARM: Appears when an intrusion has been detected and the system is armed (also appears during a fire alarm or audible emergency alarm). Accompanied by the protection zone in alarm.

CHECK: Appears when a malfunction is discovered in the system at any time or if an open is detected in a FIRE zone at any time or a fault in a DAY/NIGHT burglary zone during a disarmed period. Accompanied by a display of zone number in trouble.

FIRE: Appears when a fire alarm is present. Accompanied by a display of the zone in alarm.

A FIRE display also appears when a fire alarm is manually activated, accompanied by a display of emergency key zone number programmed for fire.

NIGHT: Appears with "STAY" when the system is armed in Night-Stay mode (perimeter burglary zones and pre-selected interior zones set by your installer are armed).

CANCELED: Appears when an alarm has been canceled (see Exit Alarm section for more information on canceled alarms and displays).

Functions of the Keypads

NOTE: The functions printed directly on the keys indicate their primary purpose; the functions printed under some of the keys (shown in brackets under the respective key), indicate their alternate or secondary purpose.

DISPLAY WINDOW

Alpha Display Keypads: 2-line, 32-character Liquid Crystal Display (LCD) keypads that display protection points, system status, and messages.

Fixed-Word Display Keypads: Display protection zone ID and system status messages using pre-designated words in the LCD display area.

0

[VOICE] On Voice keypads, enables the RECORD, VOLUME and PLAY functions.

1 OFF Disarms burglary portion of the system, silences alarms and audible trouble indicators, and clears visual display after problem's correction.

[RECORD] On Voice keypads, used in conjunction with the FUNCTION and VOICE keys to record up to a 2.5-minute message.

2 AWAY Arms the entire burglary system, perimeter and interior.

[VOLUME] On Voice keypads, used in conjunction with the FUNCTION and desired volume control keys ↑ [3] or ↓ [6] to adjust the volume of a recorded message or voice system status.

3 STAY Arms perimeter portion of burglary system only. Interior protection is not armed, allowing movement within premises without causing an alarm. If pressed twice in succession, arms system in Night-Stay mode.

[PLAY] On Voice keypads, used in conjunction with the FUNCTION and VOICE keys to play the recorded message.

[↑] On Voice keypads, used in conjunction with the FUNCTION and VOLUME keys to raise the message and voice system status volume.

4 MAXIMUM Arms the entire burglary system, perimeter and interior, but without entry delay. Entering via an entry/exit door will cause an alarm.

5 TEST Tests the system and alarm sounder if disarmed. Refer to *Testing The System* section for test procedures.

6 BYPASS Removes individual protection zones from being monitored by the system.

[↓] On Voice keypads, used in conjunction with the FUNCTION and VOLUME keys to lower the message and voice system status volume.

7 INSTANT Arms in manner similar to the STAY mode, but without the entry delay feature.

8 CODE Used to assign additional security codes and attributes for other users of the system.

9 CHIME Turns CHIME mode on and off. When on, the opening of windows or doors while the system is disarmed sounds 3 beeps at the keypad(s).

KEYS 0–9: Used to enter the security code(s) and to perform their associated system functions.

∗ READY Used to display all open protection zones.

[STATUS]: On Voice keypads, a momentary press of the STATUS key annunciates the current system status. Pressing the STATUS key a second time annunciates and displays system and/or zone faults (if they exist).

This key can be used for "Quick Arming" of the system without use of a security code (if programmed).

[FUNCTION] On Voice keypads, enables the desired voice or volume function.

FUNCTION KEYS: Keys A, B, C, D may have been programmed for a variety of functions, including panic (emergency) functions. For details, see the *Function Keys* section.

ARMED LED INDICATOR: (RED) Lit when the system has been armed.

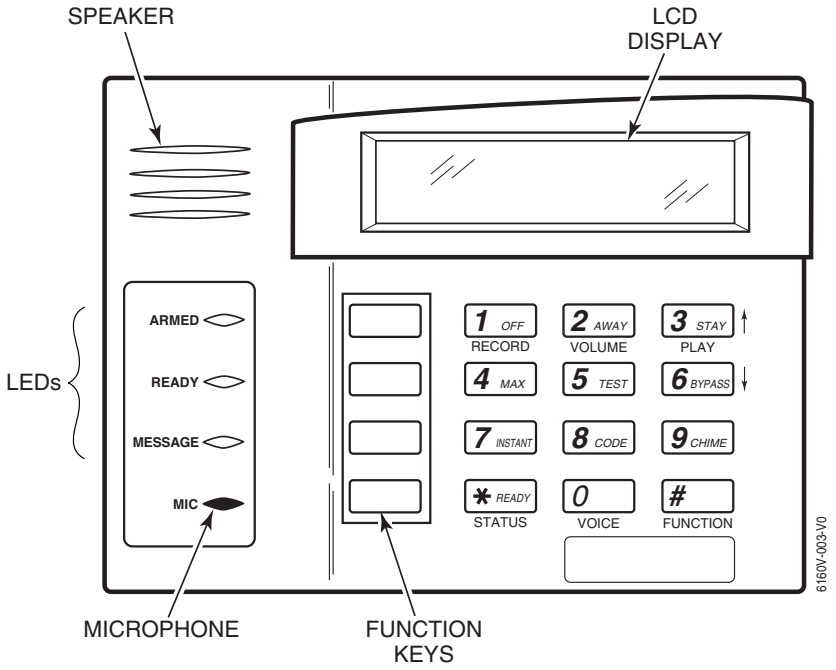
READY LED INDICATOR: (GREEN) Lit when the system is ready to be armed (no faults present). While the system is disarmed, this indicator will go on and off as protection zones are closed and opened.

MESSAGE LED INDICATOR: (RED) On Voice keypads, flashes red when message waiting or lights red (steady) when in record mode.

MIC: On voice keypads, microphone for Message Center recordings.

INTERNAL SPEAKER: The built-in speaker mimics the alarm sounder during alarms, and will also "beep" during certain system functions. The speaker also provides voice playback for any recorded messages.

Functions of the Keypads (Continued)



Voice-capable 2-line Alpha keypad
(shown with flip-down front door removed)

IMPORTANT!

- When entering codes and commands, sequential key depressions must be made within 4-5 seconds of one another. If 4-5 seconds elapse without a key depression, the entry will be aborted and must be repeated from its beginning. Be sure to observe this precaution when performing any of the procedures in this manual.
- If you make a mistake while entering a security code, stop, press the [✱] key, and then start over. If you stop in the middle while entering a code, and then immediately start the entry over, an erroneous code might be entered.

Wireless Key Fobs

Your system may also include one or more wireless key fobs, which can perform various functions as programmed by your installer.

IMPORTANT SECURITY NOTICE

Your key fob is similar to your keys or access card. If lost or stolen, another person can compromise your security system. Immediately notify your Dealer/Installer of a lost or stolen key fob. The Dealer/Installer will then remove the key fob programming from the security system.

Entry/Exit Delays

Your system has preset time delays, known as exit delay and entry delay.

Exit Delay

Exit delay gives you time to leave through the designated exit door(s) without setting off an alarm. Exit delay begins immediately after arming your system in any arming mode and Alpha Display keypads display the message "You May Exit Now." When "You may exit now" disappears, the system is fully armed. If programmed, a slow beeping will sound during the exit delay period until the last 10 seconds, which then changes to fast beeping (alerting you to the end of exit delay). If you cannot leave by this time, you should stop, disarm the system, and start over to avoid a false alarm.

Exit Delay Restart/Reset. If you wish to open the entry/exit door to let someone in after arming STAY, you can re-start the *exit* delay at any time – **simply press the** [✱] **key**, then let that person in (the perimeter zones remain armed). The system automatically re-arms the entry/exit door when exit delay expires, which avoids having to disarm the system and then re-arm it again.

In addition, when the system is armed AWAY, reopening and closing the entry/exit door before exit delay time expires (e.g., reentering to get a forgotten item) will reset the exit delay time once.

Entry Delay

Entry Delays give you time to disarm the system when you re-enter through the designated entrance door. There are two entry delays (if programmed). The first is for your primary entrance and the second can be used for a secondary entrance, where a longer delay is required to walk to the keypad to disarm the system.

You must disarm the system before the entry delay period ends, or an alarm will occur. The keypad beeps during the entry delay period, reminding you to disarm the system. The beeps stop when a code is entered, but will restart after about 15 seconds if an invalid code is entered.

You can also arm the system with no entry delay at all by using the INSTANT or MAXIMUM arming mode. This mode provides greater security while on the premises or while away for extended periods of time.

See your installer for your delay times.

Exit Delay: ☐ seconds

Entry Delay 1: ☐ seconds

Entry Delay 2: ☐ seconds

Exit Alarms

Exit Error Conditions

Whenever you arm the system, the exit delay begins. If an entry/exit door or interior zone is faulted before exit delay expires and remains faulted (e.g., exit door left open), the system sounds an alarm and starts the **entry** delay timer. If you disarm the system before the entry delay ends, the alarm sound stops and the message "ALARM CANCELED " or "CA" is displayed on the keypad, along with a zone number indicating the faulted zone. No message is sent to the Central Monitoring Station.

To clear the exit error condition, the open zone must be made intact; to clear the display, enter your code plus OFF.

If you do not disarm the system before the entry delay ends and the faulted zone remains open, the alarm sound continues and an "exit alarm" message is sent to the Central Monitoring Station (after the installer-programmed dial delay expires). The message "EXIT ALARM" or "EA" is displayed on the keypad, along with a zone number indicating the faulted zone. To stop the alarm, the system must be disarmed (your code plus OFF); to clear the display, enter your code plus OFF a second time.

An “exit alarm” also results if an entry/exit door or interior zone is faulted within two minutes after the end of the exit delay.

Your system may have been programmed for this feature to minimize false alarms sent to the Central Monitoring Station. Ask your installer if "Exit Alarm" is active in your system. If so, check this box.

☐

VISTA-10PSIA: The Exit Error condition works the same as described above, except that in addition to the “EXIT ALARM” message, a “zone alarm” message is also sent to the Central Monitoring Station. In addition, if an entry/exit door or interior zone is faulted within two minutes after the end of the exit delay, a “Recent Closing” condition occurs instead of the “exit alarm.” Refer to the next paragraph for details.

“Recent Closing” Condition (VISTA-10PSIA only)

A Recent Closing condition is similar to the Exit Error condition described above, but occurs if an entry/exit door or interior zone is faulted within two minutes **after** the initial exit delay expires. If you disarm the system within the two minutes, the alarm sound stops and the message "ALARM CANCELED " or "CA" is displayed on the keypad, along with a zone number indicating the faulted zone. No message is sent to the Central Monitoring Station.

If you do not disarm the system within two minutes and the faulted zone remains open, the alarm sound continues and a “recent closing” and a “zone alarm” message are sent to the Central Monitoring Station (after the installer-programmed dial delay expires). The alarm message along with a faulted zone number is displayed on the keypad. To stop the alarm, the system must be disarmed (your code plus OFF); to clear the display, enter your code plus OFF a second time.

Checking For Open Zones

Using the [∗] Key

Before arming your system, all protected doors, windows and other protection zones must be closed or bypassed, otherwise the keypad will display a "Not Ready" message.

1. Press [∗] READY (do not enter code first) to display faulted zones.
2. Secure or bypass the zones displayed.
3. The keypad's READY indicator lights when all protection zones have been either closed or bypassed.
4. Arm the system as desired.

Alpha Display:

Fixed-Word Display:
Zone no. and "NOT READY"

Voice Status: Voice Keypads (if installed), can announce system status and faulted zones (up to 3 zone descriptors) if the Voice Status feature is turned on.

To turn the Voice Status feature on/off: [#] + [0] + [2] + [4]
(also turns on Voice Chime mode; see *Chime mode* section)

To announce Status: Press [#] FUNCTION + [0] VOICE + [∗] STATUS key. (Announces current system status; e.g., "Disarmed Ready to Arm.")

To announce faults: Press [#] FUNCTION + [0] VOICE + [∗] STATUS + [∗] again. (Announces up to three faulted zones with their zone descriptors, if programmed.)

Stay Mode: Arms Perimeter Only, Entry Delay On

- Used when you want to arm the system with persons staying inside (or if you have pets that are moving throughout the premises).
- The perimeter sensors are armed, but interior sensors are left disarmed.
- Exit delay begins (you can leave through the entry/exit door, if desired).
- An alarm sounds if any protected window or non-entry/exit door is opened.
- You may otherwise move freely within the premises.
- Persons entering later can enter through an entry/exit door, but they must disarm the system within the *entry* delay period to avoid sounding an alarm.

Night-Stay Mode: Arms Perimeter Only, Plus Selected Zones

- Use Night-Stay mode to provide increased security while staying inside.
- Arms same as Stay mode, but also arms pre-selected interior sensors (programmed by your installer), while other interior sensors are left disarmed.
- Persons entering later can enter through an entry/exit door but they must disarm the system **and** must not violate any of the programmed interior zones to avoid sounding an alarm.
- **IMPORTANT:** When Night-Stay mode is on, the selected interior zones are armed and cause an alarm if anyone enters those areas (e.g., waking in the middle of the night). To avoid sounding an alarm, you must disarm the system before any activity takes place in those interior zones.

Instant Mode: Arms Perimeter Only, Entry Delay Off

- Used when staying inside and do not expect anyone to use an entry/exit door.
- Arms same as Stay mode.
- An alarm sounds immediately if any protected perimeter window or any door is opened, including entry/exit doors.
- **IMPORTANT:** Arming in this mode greatly increases the chance of false alarms. Use extreme care in selecting this mode of arming.

Away Mode: Arms Entire System, Entry Delay On

- Used when nobody will be staying inside (including pets).
- The entire system (interior and perimeter) is armed.
- Exit delay begins letting you leave through the entry/exit door.
- An alarm sounds if a protected window or any door is opened, or if any movement is detected inside your premises.
- You can reenter through an entry/exit door, but you must disarm the system within the *entry* delay period to avoid sounding an alarm.

Maximum Mode: Arms Entire System, Entry Delay Off

- Used when leaving the premises for extended periods (e.g., vacation).
- Arms same as Away mode, but entry delay is off.
- An alarm sounds same as Away mode, and sounds upon opening entry/exit doors.

Arming the System

Arming Commands

Before arming, close all perimeter doors and windows and make sure the Ready to Arm message is displayed.

Modes of Arming

Mode	Press these keys...	Keypad Confirms By...
Stay	security code + [3] (STAY)	• three beeps† • armed STAY message displayed • red ARMED indicator lights
Night-Stay	security code + [3] + [3]	• three beeps† • NIGHT-STAY message displayed • red ARMED indicator lights
Instant	security code + [7] (INSTANT)	• three beeps† • armed STAY message displayed • red ARMED indicator lights • also note that entry delay is turned off.
Away	security code + [2] (AWAY)	• two beeps†, or, if programmed, beeping for duration of exit delay • armed AWAY message displayed • red ARMED indicator lights Leave the premises through an entry/exit door during the exit delay period to avoid causing an alarm. The keypad beeps rapidly during the last 10 seconds of the exit delay to warn you that it is ending.
Maximum	security code + [4] (MAXIMUM)	• same as Away (described above) Note that entry delay is turned off.

† **Arming Ding:** In addition to the keypad beeps, the external sounder emits a short "ding" sound after arming, if programmed to do so. The ding confirms that the system is armed, and may occur immediately after the command or be delayed (until arm/disarm report is sent or exit delay expires). Ask your installer about how this feature is set for your system.

Quick Arming

If "Quick Arming" was programmed by the installer, the [#] key can be pressed in place of the security code when arming the system in any of its arming modes (except Night-Stay). However, **the security code must always be used when manually disarming the system.**

Function Key Arming

For any arming command, a function key may have also been programmed for your system. If so, you can press and hold the appropriate function key for 2 seconds to arm the system. See your installer for the designated functions (see ***Single Button Arming*** section).

Single Button Arming

The "A", "B", "C", and/or "D" keys on your keypad may have been programmed for single-button arming. Note that while it will not be necessary to use a security code for arming, a security code must always be used when manually disarming the system.

If Single-Button Arming is programmed:

- A function key has been assigned to a specific type of arming: STAY mode, Night-STAY mode, AWAY mode, or STEP-ARMING (see Step-Arming paragraph).
- You DO NOT need to enter your security code before pressing the function key (but you always need your security code to DISARM the system).

Before arming, close all perimeter doors and windows.

1. Press and hold the assigned function key for 2 seconds (no code is required). Function keys are shown below.

Alpha Display:

```
DISARMED
READY TO ARM
```

Fixed-Word Display: READY

2. The keypad begins beeping and displays the armed message. The red ARMED indicator also lights.

Alpha Display:

```
ARMED***AWAY***
YOU MAY EXIT NOW
```

Fixed-Word Display: AWAY

Step Arming Feature

Single-Button "Step" arming may have been programmed into one of the lettered keys (A, B, C, or D). Check with your installer to see if this has been done in your system.

If Step-Arming is programmed:

- The assigned key provides a choice of three levels of security.
- The selected key can be pressed once, twice, or three times, increasing the level of security with each press, as follows

Key	First Press	Second Press	Third Press
A, B, C, D	Armed-STAY	Armed Night-STAY (if programmed)	Armed-AWAY

Using the Keyswitch

Using the Keyswitch

Your system may be equipped with a keyswitch for use when arming and disarming. Red and green lights on the keyswitch plate indicate the status of your system as follows:

Green Light: Lights when the system is **disarmed and ready** to be armed (no open zones). If the system is disarmed and the green light is off, it indicates the system is not ready (one or more zones are open).

Red Light: Lights or flashes when system is armed in AWAY or STAY mode. See your installer for the meanings of the lit red light:

Lit Steady = system armed AWAY or
system armed STAY and exit delay has expired

Flashing = system armed STAY and exit delay timer active

Rapid flashing = an alarm has occurred (memory of alarm).

Before arming, close all perimeter doors and windows.

To arm in the AWAY mode:

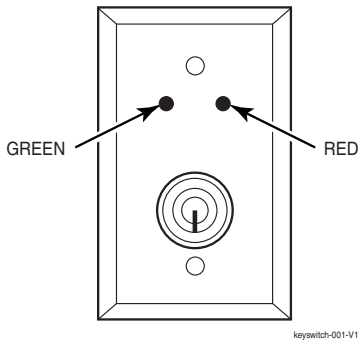
Turn the key to the right for 1/2 second and release. Keypads beep twice and the red indicator lights or flashes.

To arm in the STAY mode:

Turn the key to the right and hold for longer than 1 second, then release. Keypads beep three times and the red indicator lights or flashes.

To disarm the system:

Turn the key to the right and release. The red light turns off



Disarming and Silencing Alarms

Using the [OFF] key

The **OFF** key is used to disarm the system, silence alarm and trouble sounds, and clear alarm memories.

IMPORTANT: **If you return and the main burglary sounder is on,** DO NOT ENTER, but CONTACT THE POLICE from a nearby safe location.
If you return after an alarm has occurred and the main sounder has shut itself off, **the keypad will beep rapidly upon your entering, indicating that an alarm has occurred during your absence.**
LEAVE AT ONCE, and CONTACT THE POLICE from a nearby safe location.

1. ☐ ☐ ☐ ☐ + [1]

   (Security Code) **OFF**

   The "READY" indicator light will be lit if all zones are secure, and the keypad will emit a single tone to confirm that the system is disarmed.

   NOTE: If entry delay has started (you've opened the entry door), you do not need to press the OFF key; simply enter your security code. The system will disarm in about 15 seconds after the last digit of the code is entered.

Alpha Display:

```
DISARMED
READY TO ARM
```

Fixed-Word Display: READY

2. **To Silence a Burglary Alarm and Clear a Memory of Alarm**

   Enter your security code. This disarms the system and silences the alarm (or warning tones of a Memory of Alarm).

   Note the zone in alarm on the keypad display, and make that zone intact (close door, window, etc.). Now enter the security code plus OFF to clear the keypad's **Memory of Alarm** display.

3. **To Silence a Fire Alarm or Carbon Monoxide Alarm and Clear Memory of Alarm**

   Simply press the **OFF** key to silence the alarm. Then enter the **security code** plus **OFF** sequence to clear the keypad's **Memory of Alarm** display. See the *Fire Alarm System* section.

Bypassing Protection Zones

Using the BYPASS Key

Use this key when you want to arm your system with one or more zones intentionally unprotected.

Vent Zones: Your system may have certain windows set as "vent" zones, which are automatically bypassed if left open when arming the system (you do not need to manually bypass them). However, if a vent zone window is closed **after** arming, it becomes protected and will cause an alarm if opened again while the system is armed.

When bypassing zones:

- The system must be disarmed before you can bypass zones.
- Bypassed zones are unprotected and will not cause an alarm if violated.
- The system will not allow fire zones to be bypassed.
- Zones are automatically unbypassed when the system is disarmed.

1. ☐ ☐ ☐ ☐ + [6] + zone number (see below)

   (Security Code) **BYPASS**

   Enter the 2-digit zone number for the zone to be bypassed. Single digit zone numbers must be preceded by a zero (e.g. 05, 06).

   Repeat the command string for each zone to be bypassed.

2. After each command string, the keypad momentarily displays a "Bypass" message for the bypassed zone number.

   Arm the system as usual. When armed, the arming message is displayed with "ZONE BYPASSED."

   To display bypassed zones prior to arming, enter your security code and press the [6] BYPASS key.

Alpha Display:

```
DISARMED
HIT * FOR FAULTS
```

Fixed-Word Display: NOT READY

Alpha Display:

```
DISARMED BYPASS
READY TO ARM
```

Fixed-Word Display: BYPASS

```
ARMED: STAY
ZONE BYPASSED
```

Typical armed alpha display after bypassing zones.

Bypassing Protection Zones

Quick Bypass

If programmed, "Quick Bypass" allows you to easily bypass all open (faulted) zones without having to enter zone numbers individually. This feature is useful if, for example, you routinely leave certain windows open when arming at night.

1. ☐ ☐ ☐ ☐ + [6] + [#]

   (Security Code) **BYPASS**

   In a few moments, all open zones will be displayed and automatically bypassed. Make sure that only those zones that you wish to leave unprotected are bypassed, and that there are no other zones unintentionally left open.

2. Wait for all bypassed zones to be displayed, then arm the system as desired.

Ask your installer if "Quick Bypass" is active for your system, and if so, check here: ☐

Alpha Display:

```
DISARMED
HIT * FOR FAULTS
```

Fixed-Word Display: NOT READY

```
DISARMED BYPASS
READY TO ARM
```

Fixed-Word Display: BYPASS

Chime Mode

CHIME mode alerts you to the opening of a perimeter door or window while the system is disarmed. When Chime mode is activated:

- Three tones sound at the keypad whenever a perimeter door or window is opened.
- Interior zones do not produce a tone when they are faulted.
- Pressing the **READY** key will display the open protection points.
- Chime mode can be used only while the system is disarmed.

To turn Chime Mode on/off (system must be disarmed)**:**

☐ ☐ ☐ ☐ + [9]

(Security Code) **CHIME**

The CHIME message appears when on. Perimeter zones will cause a tone when faulted.

The CHIME message disappears when Chime mode is off.

Fixed-Word Display: CHIME

Voice Chime: You can set the Voice Keypads (if installed) to announce faulted (opened) entry/exit or perimeter zones whenever normal Chime mode is on.

To turn Voice Chime Mode on or off: [#] + [0] + [2] + [4]

(normal Chime mode must be on first)

When Voice Chime is on, faulted zones cause a voice status announcement, chime and display. When off, the sounder still provides chime if normal Chime mode is on.

Viewing the Current Date and Time

The master user can view the system time and date setting on alpha keypad. Other users can view the date/time if a function key has been programmed to do so.

☐ ☐ ☐ ☐ +[#] + [6] [3]

(Master Code)

OR, press the function key (A, B, C, or D) for viewing current date and time, if programmed.

A typical time/date display is shown.
The display will remain on for about 30 seconds or until a key is pressed.

Alpha Display:

```
DISARMED
READY TO ARM
```

```
TIME/DATE    SAT
12:05AM_05/09/00
```

"A" "B" "C" "D"

☐ ☐ ☐ ☐

If one of the above keys has been programmed for the date/time display feature, place a check mark in the box beneath that key.

Setting the Date and Time

You can set the time and date by doing the following:

1. ☐ ☐ ☐ ☐ +[#] + [6] [3]
   (Master Code)

Alpha Display:

```
DISARMED
READY TO ARM
```

2. Press [*] when the time/date is displayed.
   A cursor appears under the first digit of the hour.
   To move cursor ahead, press [*].
   To go back, press [#].
   - Enter the 2-digit hour setting.
   - Enter the 2-digit minute setting.
   - Press [1] for PM or [2] for AM.
   - Enter the last two digits of the current year.
   - Enter the 2-digit month setting.
   - Enter the 2-digit day setting.
3. To exit, press [*] when cursor is at the last digit, or wait 30 seconds.

```
TIME/DATE    SAT
04:04PM 10/17/00
```

Current time display

```
TIME/DATE    SAT
04:04P2000/10/17
```

Time/date editing display

Panic Keys

Using Panic Keys

Your system may have been programmed to use special keys to manually activate emergency (panic) functions as follows:

This Function	Sends this signal*	With This Sounding...
Silent Alarm	silent alarm	no audible alarm and no change in normal display to indicate that a silent alarm has been initiated.
Audible Alarm	audible alarm	a loud, steady alarm at keypad(s) and at any external sounders that may be connected.
Personal Emergency	auxiliary alarm	steady alarm sound at keypad(s), but not at external bells or sirens.
Fire Alarm	fire alarm	temporal (pulsing) sound at external bells and sirens.

*All panic functions send signals to the Central Monitoring Station, if connected.

To activate a Panic Function:

Press and hold down for at least 2 seconds whichever lettered key on the keypad has been programmed for the desired emergency function.

OR

Press both keys of the assigned key pair at the same time.

Alpha Display:

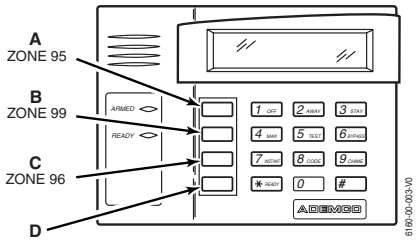
```
DISARMED
READY TO ARM
```

Fixed-Word Display: READY

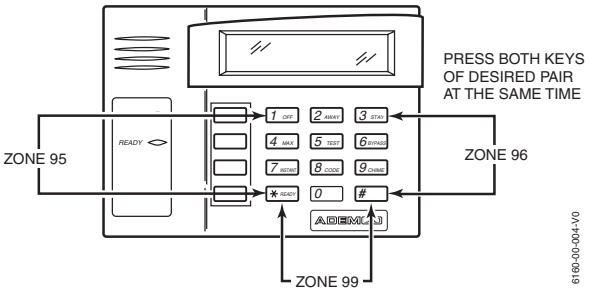
Typical Panic Alpha Display:

```
ALARM 99
```

Fixed-Word Display: 99 and ALARM



Lettered Panic Keys



Panic Key Pairs

See your installer and use the chart provided in the ***Features Programmed in Your System*** section to note the functions that have been programmed for your system.

Macro Key Programming & Usage

About Macro Keys

The “A”, “B”, “C” or “D” keys can be used to automatically activate a series of commands of up to 16 keystrokes, if programmed for this function. These keystrokes, as a group, are called “macros” and are stored in the system's memory.

- Typical macro functions can include:
  - Arming sequences: STAY, Night-STAY, INSTANT, or AWAY
  - Bypassing particular zone(s)
  - Activating relay(s) for turning on (or off) lights, fans, etc.
- One macro can be assigned.
- Macros can be activated only by users with authority levels authorized to perform the macro’s function.

NOTE: The installer must activate the desired function key before macros can be assigned. See the chart at the back of this manual for the key(s) assigned for macros.

1. ☐ ☐ ☐ ☐ + [#] + [6] + [6]

   (Master Code)

Alpha Displays:

```
DISARMED
READY TO ARM
```

If a macro has been previously defined, the keystrokes are shown on the bottom line of the display, otherwise the display is blank.

```
MACRO DISPLAY
```

To exit this mode (and keep the existing macro definition), press any key except the [∗] key. The system returns to normal mode.

To define a macro for the selected key, press [∗] and continue with the next prompt.

2. Enter the first of the series of desired commands, (do not include your master code), then press/hold the “D” key for at least two seconds to complete the first command. This key terminates each command, and appears as an “F” in the keypad display.

```
MACRO PGM
```

Macro Key Programming & Usage (cont.)

The keypad beeps to acknowledge your input and displays the command you entered (followed by "F").

3. Enter the next command, followed by press/holding the "D" key for at least two seconds. The keypad beeps and displays the keystrokes entered so far.
4. Repeat until all the desired commands (up to 16 characters including the "F"s) have been entered**.**

   Be sure to check your keystrokes before continuing. If you made a mistake, you must start over.
5. To exit, press/hold the "D" key for at least two seconds. The display returns to system status and indicates system is ready.

Typical Macro Alpha Display:

```
MACRO PGM
602F03F#701F2F
```

Example of Macro Programming

Suppose you want to (1) bypass the two upstairs window zones, then (2) turn on an exterior light, and then (3) arm the security system in the AWAY mode. The procedures in the table that follows show you how you would program this macro:

Function	Keystrokes Required	Keypad Display
1. Bypass zones 02 & 03	Press BYPASS [6] key, then 2-digit zone number 02, then terminator "D"' then [6], then 2-digit zone number 03, then terminator "D".	602F603
2. Insert terminator.	Press the "D" key for at least 2 seconds.	602F603F
3. Turn light on (device 01).	Press [#] and 7 keys for "device ON", and [01] key for selecting device 1.	602F603F#701F
4. Insert terminator.	Press the "D" key for at least 2 seconds.	602F603F#701F
5. Arm system AWAY	Press AWAY [2] key.	602F603F#701F2
6. Insert terminator.	Press the "D" key for at least 2 seconds.	602F603F#701F2F
7. Exit Macro mode	Press the "D" key again.	

Using a Programmed Macro Key

```
DISARMED
READY TO ARM
```

1. Press the Macro key programmed for the desired series of commands for at least 2 seconds. The "Enter User Code" prompt appears. The prompt remains displayed for up to 30 seconds.

```
ENTER USER CODE
* * * *
```

2. Enter your 4-digit security code.

   The programmed macro sequence begins automatically after the user code is entered.

Using Device Commands

About Device Commands

Your system may be set up so that it can control certain lights or other devices.

- Some devices may be automatically turned on or off by the system.
- You may be able to override automatically controlled devices using the commands described below.
- Some devices can be manually turned on or off using the commands described below.
- See your installer for a list of devices that may be set up for your system. A list of these devices is provided at the back of this manual for you to fill out.

To Activate Devices:

☐ ☐ ☐ ☐ + [#] + [7] + 2-digit device number

(Security Code)

Devices associated with that device number activate.

To Deactivate Devices:

☐ ☐ ☐ ☐ + [#] + [8] + 2-digit device number

(Security Code)

Devices associated with that device number deactivate.

Alpha Display:

```
DISARMED
READY TO ARM
```

Fixed-Word Display: READY

Paging Feature

About Automatic Paging

Your system may be set up to automatically send alert messages to a pager as certain conditions occur in your system.

- The following events can be programmed by your installer to be sent to the pagers: arming and disarming†, alarms, and trouble conditions. († reports when arming/disarming from a keypad using a security code; auto-arming/disarming, arming with assigned button, and keyswitch arming do not send pager messages.)
- You can also program the system to send an automatic pager message to alert you in the event that someone has not arrived home (disarmed the system) within a defined period of time (see the ***Scheduling*** section for details on "latch key report").
- Your installer programs the pager phone numbers and reporting events.
- The pager message consists of a 7-digit system status code that indicates the type of condition that has occurred.
- An optional, predefined 16-digit character string can precede the 7-digit system status code; these characters can consist of a PIN no., subscriber account no., or any additional data that you may wish to have sent to the pager.
- The pager display format is as follows: *3-digit Event Code*

Optional 16 digits **AAAAAAAAAAAAAAAA – BBB – CCCC** *1 or 0 + 3-digit User or Zone No.*

A =	B =	C =
Optional 16-digits for Account numbers, PIN numbers, or any other data; programmed by the installer, if required.	A 3-digit code that describes the event that has occurred in your system (see for event codes table below)	4-digit number consisting of 1 or 0 plus a 3-digit User or Zone number, depending on the type of event that has occurred, where: • alarms and troubles display zone number • arming/disarming (opens/closes) display user number • single-digit user or zone numbers are preceded by a zero.

The 3-digit Event Codes (BBB) that can be displayed are:

911 =	811 =	101 =	102 =
Alarms. The 4-digit number (CCCC) represents the *zone number* that has caused the alarm.	**Troubles.** The 4-digit number (CCCC) represents the *zone number* that has caused the trouble.	**Open (system disarmed).** The 4-digit number (CCCC) represents the *user number* that has disarmed the system.	**Close (system armed).** The 4-digit number (CCCC) represents the *user number* that has armed the system.

Examples of typical 7-digit pager displays follow.

Ex. 1. 911-1004 = Alarm (911) on zone 4 (10**04**);

Ex. 2. 102-1005 = Closing–system arming (102)– by user 5 (10**05**)

Paging Feature

Manual Paging

Your system may be set up so you can manually send a message to a pager.

- Your installer programs the paging function key and the pager phone number.
- Pressing the paging keys sends the message [999–9999] to the pager.
- This message could mean "call home", "call your office", or any other prearranged meaning.
- See the Paging chart at the back of this manual for details of the paging setup for your system.

1. Hold [pager key] 2 seconds.

   Press and hold the programmed Paging Key for at least 2 seconds (wait for beep).
2. The recipient, on seeing the 999–9999 message, will understand the prearranged meaning of this signal.

Alpha Display:

```
DISARMED
READY TO ARM
```

Fixed-Word Display: READY

```
999-9999
```

Pager Display

Latch Key Paging

You can program a schedule that causes a pager report to be sent if the system is not DISARMED by the scheduled time (see ***Scheduling*** section, event "03"). For example, a working parent might want a message to be sent to a pager if their child did not arrive home from school and disarm the system by a certain time.

If programmed, the message that is sent is: [777–7777].

Security Codes & Authority Levels

About Security Codes

Your installer assigned a master code that is used to perform all system functions. In addition, you can assign up to 15 different security codes for use by other users.

- Only the System Master can assign security codes to users.
- Users are identified by 2-digit user numbers (03-17 [users 01 and 02 are reserved]).
- In addition to a security code, each user is assigned various system attributes.
- Security codes can be used interchangeably when performing system functions (a system armed with one user's code can be disarmed by another user's code), with the exception of the Guest code and Arm Only code described below.
- Security code programming involves these steps:
  1. Choose a user number and assign a 4-digit security code.
  2. Assign an authority level to that user.
  3. Assign other attributes as necessary (see attributes on the next page).

NOTE: The factory settings are designed to meet most normal user situations. Therefore, the only step you usually need to do when adding users is assign a user number and a security code.

Authority Level Definitions

Authority levels define the system functions a particular user can/cannot perform.

Level	Title	Explanation
N/A	System Master	Reserved for user 02; Can perform all system functions and assign codes; can change its own code as described on the following page. The default System Master code is 1234.
0	Standard User	Can only perform security functions. Cannot perform system functions reserved for the master user.
1	Arm Only	Can only arm the system. Cannot disarm or do other functions.
2	Guest	Can arm the system, but cannot disarm the system **unless** the system was armed with this code. This code is typically assigned to someone (e.g., babysitter or cleaner) who has a need to arm/disarm the system only at certain times. The user of this code should **not** use the "Quick Arming" feature.
3	Duress Code	Intended for use when you are forced to disarm or arm the system under threat. When used, the system will act normally, but can silently notify the Central Monitoring Station of your situation, if that service has been provided.

Security Codes & Authority Levels (Cont.)

How to Assign Security Codes and Attributes

The following lists the command strings for adding user codes and attributes.

Refer to the User Setup chart at the back of this manual for factory assignments of user attributes and to keep a record of user programming.

Change System Master Code

System Master code + [8] + 02 + new Master code + new code again

The System Master code can be changed only by using the current System Master code or by the Installer using the Installer code.

Add a User:

System Master code + [8] + user no. + new user's security code

User 01 = installer User 03-17 = standard users
User 02 = master (factory set master code is 1234)
The Keypad beeps once to confirm that new user was added.

Delete a User:

System Master code + [8] + [user no.] + [#] [0]

The security code and all attributes set for this user number, including any associated RF keys, are erased from the system.

Authority Level:

System Master code + [8] + [user no.] + [#] [1]+ auth. level

Factory Assignments: users 03-16 = 0

Authority Levels (see definitions on previous page):
0 = standard user 2 = guest
1 = arm only 3 = duress

Access Group:

System Master Code + [8] + [user no.] + [#] [2]+ group (1-8)

Factory Assignments: none

You can assign users to a group, then set an access schedule that defines the times this group of users can operate the system. The system ignores these users outside the scheduled times.

RF Zone Number:

System Master Code + [8] + [user no.] + [#] [4]+ zone no.

(adding a Key Fob)

Use this command to assign a wireless button device (key fob) to a user for arming/disarming functions (key fob must be enrolled in system first; see your installer).

Factory Assignments: none

Zone number: enter the zone number assigned to a button on the key fob that will be used for arming/disarming by this user.

Deactivating a key fob: You can deactivate the arming/ disarming functions for a key fob (ex. if lost or stolen) by deleting the associated key fob user. See "Delete a User" above. Other key fob functions such as panic or device activation (if programmed) remain active. To fully remove the programming for a key fob, see your installer.

Pager On/Off:

System Master Code + [8] + [user no.] + [#] [5] + 0 or 1

Factory Assignments: users 01-16 = 1 (on)

You can program a user so that a message is sent to a pager whenever this code is used to arm or disarm the system.
Paging On/Off: 1 = allow paging; 0 = no paging for this user

Scheduling

About Scheduling

The system provides one end-user schedule (programmable by master/installer only), which can control various types of events.

- The schedule causes a defined event to start and stop (when appropriate) at a specified time.
- The schedule can be set to automatically repeat at various intervals.
- The schedule can be set for random starting, if desired.

Creating Schedules

1. ☐ ☐ ☐ ☐ + [#] + [6] [4]
   (Master Code)

Alpha Displays:

```
1 DISARMED
READY TO ARM
```

2. Enter "01" as the 2-digit schedule number.
   Press [∗] to continue.

```
ENTER SCHED NO.
00=QUIT       00
```

3. Enter the desired 2-digit event number from the following list.

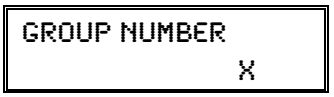
```
ENTER EVENT
```

   00 = clear the scheduled event
   01 = turn a programmed output on or off
   (see ***Using Device Commands*** section for a list of output device numbers used in your system)
   02 = set a user access schedule for one or more users
   (see ***Security Codes*** section for an explanation of access groups)
   03 = send a "latch-key" report to a pager if the system is not disarmed by a specified time; message sent is "777-7777."
   04 = automatically arm the system in STAY mode at a specified time
   05 = automatically arm the system in AWAY mode at a specified time
   06 = automatically disarm the system at a specified time
   07 = Display the word "REMINDER" at a specified time
   (if selected, the keypad beeps every 30 seconds beginning when the word "REMINDER" is first displayed, and alternates with the normal keypad display about every 4-5 seconds. To stop the beeps and cancel the display once it starts, simply press any key.
   Press [∗] to continue.

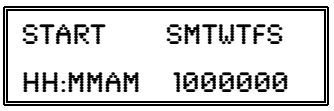
4. For event number "01," enter the output number associated with this schedule.
   Otherwise, this prompt is skipped.
   Press [∗] to continue to the "Start" prompt below.

```
RELAY NUMBER
             XX
```

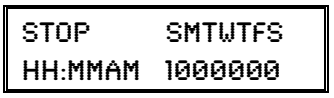
5. For event number "02," enter the access group number. Otherwise, this prompt is skipped.
   Press [∗] to continue to the "Start" prompt below.



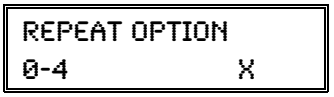
6. Enter the event's start time and days of week.
   Hour = 00-12; minute = 00-59
   AM = 0; PM = 1
   Days = Position the cursor under the desired days using the [∗] key to move forward, then press "1" to select the day.
   Press [∗] to continue.



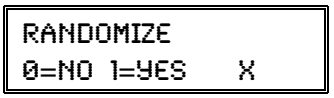
7. If applicable, enter the event's stop time and days of week (applies only to event numbers 01, 02, and 03).
   Refer to step 7 for available entries.
   Press [∗] to continue.



8. Enter the desired repeat option.
   0 = no repeat
   1 = repeat schedule weekly
   2 = repeat schedule biweekly (every other week)
   3 = repeat schedule every third week
   4 = repeat schedule every fourth week
   e.g., To make a schedule that happens everyday you would select all days with a repeat count of 1. To make a schedule that runs for one week then stops, select everyday with a repeat count of 0.



9. For event number 01 (output on/off), select the desired randomize option. 0 = no; 1 = yes
   If selected, the schedule times will vary within 60 minutes of the "hour" time. For example, if a schedule is set to start at 6:15pm, it will do so the first time 6:15pm arrives, but on subsequent days it will start anytime between 6:00 and 6:59 p.m.
   Press [∗] to return to first prompt, then enter 00 to quit.



Event Logging Procedures

About Event Logging

The system records various events in a history log, which can be viewed by the master user using an Alpha Display keypad.

- The Event Log holds up to 32 events.
- Events are displayed in chronological order, from most recent to oldest.
- When the log is full, the oldest event is replaced by the logging of any new event.

Viewing the Event Log

1. ☐ ☐ ☐ ☐ + [#] + **6** + **0**
   (Master Code)

Alpha Displays:

```
DISARMED
READY TO ARM
```

2. The system displays the most recent event as follows:
   - event number
   - type of event, identified by its corresponding code (see your installer for the meaning of each code)
   - zone or user number (depending on type of event)
   - time and date of the event's occurrence.

```
001 E441 U001 P1
12:34AM 01/02/00
```

3. Pressing [∗] displays previous events (back in time).

   Pressing [#] displays events forward in time.
4. Exit the event log by pressing any key other than [∗] or [#].

Table of Event Log Codes

The following table lists the codes that may appear when viewing the Event Log. If the event code is preceded by an "E" (as in the example display on the previous page), it means that the event is new and ongoing; if preceded by an "R," it means the event has been restored.

Code	Definition
110	Fire Alarm
121	Duress
122	Alarm, 24-hour Silent
123	Alarm, 24-hour Audible
131	Alarm, Perimeter
132	Alarm, Interior
134	Alarm, Entry/Exit
135	Alarm, Day/Night
143	Alarm, Expansion Module
145	ECP Module cover tamper
146	Silent Burglary
150	Alarm, 24-Hour Auxiliary/Monitor zone
162	Carbon Monoxide
301	AC Power
302	Low System Battery/Battery Test Fail
305	System Reset (Log only)
321	Bell/Siren Trouble
333	Trouble, Expansion Mod. Supervision
341	Trouble, ECP Cover Tamper
344	RF Receiver Jam
351	Telco Line Fault
353	Long Range Radio Trouble
354	Failure to Communicate
373	Fire Loop Trouble
374	Exit Error Alarm
380	Global Trouble, Trouble Day/Night

Code	Definition
381	RF Supervision Trouble
382	Supervision Auxiliary Wire Zone
383	RF Sensor Tamper
384	RF Sensor Low-battery
393	Clean Me
401	Disarmed, Armed AWAY, Armed MAXIMUM
403	Schedule Arm/Disarm AWAY
406	Cancel by User
407	Remote Arm/Disarm (Downloading)
408	Quick Arm AWAY
409	Keyswitch Arm/Disarm AWAY
441	Disarmed/Armed STAY/INSTANT, Quick-Arm STAY/INSTANT
442	Keyswitch Arm/Disarm STAY
455	Scheduled Arm Fail
459	Recent Closing (restore only)
570	Bypass
601	Manually Triggered Dialer Test
602	Periodic Test
606	AAV to Follow
607	Walk Test Entered/Exited
623	Event Log 80% Full
625	Real-Time Clock was Changed (log only)
627	Program Mode Entry (log only)
628	Program Mode Exit (log only)
642	Latch Key (log only)
750 - 789	Reserved for Configurable Zone Type report codes (check with central station when using these codes)

Testing the System (To Be Conducted Weekly)

About Testing the System

Using Test mode allows each protection point to be checked for proper operation.

- The keypad sounds a single beep about every 30 seconds as a reminder that the system is in the Test mode.
- Alarm messages are not sent to your Central Station while Test mode is on.

1. Disarm the system and close all protected windows, doors, etc. The READY indicator light should come on if all zones are intact (i.e., all protected windows, doors, etc. are closed.

Alpha Displays:

```
DISARMED
READY TO ARM
```

2. ☐ ☐ ☐ ☐ + **5** then [0] (walk)

   (Master Code) **TEST**

   The Dial test (option "1") is intended for the installer and should not be used unless directed to do so by your Security System Representative.

```
1 = DIAL   0 = WALK
```

3. Listen. The external sounder should sound for about one second and then turn off. If it does not sound, CALL FOR SERVICE. The "Test in Progress" displa appears only on the keypad that started the test.

```
TEST IN PROGRESS
```

4. Fault zones. Open each protected door and window in turn and listen for three beeps from the keypad. Identification (zone number or zone description) of each faulted protection point should appear on the display. The display clears when the door or window is closed.
5. Walk in front of any interior motion detectors (if used) and listen for three beeps. The identification of the detector should appear on the display when it is activated. The display clears when no motion is detected.

   Note that if wireless motion detectors are used, there is a 3-minute delay between activations. This is to conserve battery life.
6. Test all smoke detectors, following the manufacturer's instructions. The identification of each detector should appear on the display when each is activated.

   If a problem is experienced with any protection point (no confirming sounds, no display), call for service immediately.

   When all protection points have been checked and are intact (closed), there should be no zone identification numbers displayed on the keypad.
7. Exit test mode: ☐ ☐ ☐ ☐ + [1]

   (Security Code)

If the test mode is inadvertently left active, it automatically turns off after 4 hours. During the final five minutes, the keypad will emit a double beep every 30 seconds.

"Check" and "Battery" Displays

The word **CHECK** on the keypad's display, accompanied by a "beeping" at the keypad, indicates a trouble condition in the system.

To silence the beeping for these conditions, press any key.

1. **A display of "CHECK" and one or more zone numbers** indicates that a problem exists with the displayed zone(s) and requires your attention. Determine if the zone(s) displayed are intact and make them so if they are not. If the problem has been corrected, the display can be cleared if you enter the OFF sequence (security code plus OFF key) twice. If the display persists, CALL FOR SERVICE.

   Note: A display of **CHECK 70** on Alpha Display keypads indicates that the wiring connection to the external sounder is at fault (opened or shorted), and you should CALL FOR SERVICE. See "BELL FAILURE" on next page. A display of **CHECK 90** indicates that RF interference may be impeding the operation of wireless sensors* in the system. See "**Rcvr Jam**" on next page.

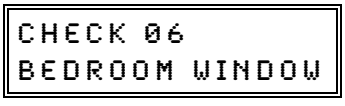
2. **If there are wireless sensors* in your system,** the **CHECK** condition may also be caused by some change in the environment that prevents the wireless receiver from receiving messages from a particular sensor. CALL FOR SERVICE if this occurs.

* Not all systems use wireless sensors.

IF YOU CANNOT CORRECT A "CHECK" DISPLAY, CALL FOR SERVICE.

TYPICAL "CHECK" DISPLAYS

FIXED-WORD DISPLAY KEYPAD



ALPHA DISPLAY KEYPAD

Trouble Conditions (Continued)

Words or letters in parentheses ( ) are those that are displayed on Alpha Display keypads.

Other Trouble Displays

* Any "beeping" that accompanies a trouble display can be stopped by depressing any key on the keypad or by entering an OFF sequence (code + OFF)

** Not all systems use wireless sensors.

COMM. FAILURE (or **FC**)	Indicates that a failure has occurred in the telephone communication portion of your system. CALL FOR SERVICE.
SYSTEM LO BAT (or **BAT** with no zone No.)	Indicates that a low system battery condition exists. Display is accompanied by "beeping"* at the keypad. If this condition persists for more than one day (with AC present), CALL FOR SERVICE.
LO BAT **+** zone descriptor (or **BAT** with zone No.)	Indicates that there is a low battery condition in the wireless transmitter** number displayed (00 is RF keypad). Accompanied by a single "beep"* (about once every 30 seconds) at the keypad. Either replace the battery yourself, or CALL FOR SERVICE. If the battery is not replaced within 30 days, a **CHECK** display may occur.
Rcvr Jam (or **CHECK 90**)	Wireless part of the system is experiencing RF interference which may impede reception from wireless sensors.**
ALARM 1xx **FAULT 1xx** **CHECK 1xx** (or **91**)	Indicates a communication problem between the control and a connected device (e.g., RF receiver, zone expander) where the "xx" indicates the device address. CALL FOR SERVICE.
MODEM COMM (or **CC**)	Indicates that the control is on-line with the Central Monitoring Station's remote computer. The control will not report system activity while on-line. Wait a few minutes — the display should disappear.
BELL FAILURE (or **CHECK 70**)	Indicates that the wiring connection to the external sounder is at fault (open or shorted). Accompanied by "beeping" at the keypad. CALL FOR SERVICE.

Other Trouble Displays (Continued)

AC LOSS (or **NO AC**)	The system is operating on battery power only due to an AC power failure. If only some lights are out on the premises, check circuit breakers and fuses and reset or replace as necessary. If AC power cannot be restored and a "low system battery" message appears (see previous page), **CALL FOR SERVICE**.
Busy-Standby (or **dI**)	If this message remains displayed for more than 1 minute, system is disabled. **CALL FOR SERVICE**.
OPEN CIRCUIT (or **OC**)	The keypad is not receiving signals from the control. CALL FOR SERVICE.
Long Rng Trbl (or **bF**)	If part of your system, back-up communication device has failed. CALL FOR SERVICE.

Total Power Failure

If there is no keypad display at all, and the READY indicator is not lit, operating power (from AC and back-up battery) for the system has stopped and the system is inoperative. **CALL FOR SERVICE.**

In The Event Of Telephone Operational Problems

In the event of telephone operational problems, disconnect the control from the phone line by removing the plug from the phone wall jack. We recommend that your installer demonstrate this disconnection on installation of the system. Do not attempt to disconnect the phone connection inside the control. Doing so will result in the loss of your phone lines. If the regular phones work correctly after the control has been disconnected from the phone wall jack, the control has a problem and you should immediately call for service. If upon disconnection of the control, there is still a problem on the phone line, notify the Telephone Company that they have a problem and request prompt phone repair service. The user may not under any circumstances attempt any service or repairs to the security system. Repairs must be made only by authorized service (see the LIMITED WARRANTY statement for information on how to obtain service).

Maintaining Your System

Taking Care of Your System

The components of your security system are designed to be as maintenance-free as possible. However, to make sure that your system is in reliable working condition, do the following:

1. Test your system weekly.
2. Test your system after any alarm occurs.

Silencing Low Battery Warning Tones at the Keypad

You can silence the keypad's warning tones by pressing the OFF key**,** but the keypad's low battery message display will remain on as a reminder that you have a low battery condition in one or more of your wireless sensors. When you replace the weak battery with a fresh one, the sensor sends a "good battery" signal to the control as soon as the sensor is activated (opening/closing of door, window, etc.), causing the low battery display to turn off. If the sensor is not activated, the display will automatically clear within approximately 1 hour.

Replacing Batteries in Wireless Sensors

Wireless sensors may not have been used in your security system

IMPORTANT: Use only batteries recommended by your installer as replacement.

Each wireless sensor in your system has a 9-volt or 3-volt battery. The system detects a low battery in wireless sensors, including smoke detectors, the personal emergency transmitter, and the portable wireless keypad and displays a low battery message*. (A low battery in a portable wireless keypad is detected as soon as one of its keys is pressed, and displayed as **00**.). Battery-operated smoke detectors with a low battery also emit a single "chirp" sound approximately once every 20–30 seconds.

Alkaline batteries provide a minimum of 1 year of operation, and in most units and applications, provide 2–4 years of service. 3-volt lithium batteries provide up to 4 or more years of operation. Actual battery life will depend on the environment in which the sensor is used, the number of signals that the transmitter in the sensor has had to send, and the specific type of sensor. Factors such as humidity, high or low temperatures or large swings in temperature, may all lead to the reduction of actual battery life in an installation.

* The low battery message comes on as a warning that battery replacement in indicated sensor(s) is due within 30 days. In the meantime, a sensor causing a low battery indication is still fully operational.

Routine Care

- Treat the components of your security system as you would any other electrical equipment. Do not slam sensor-protected doors or windows.
- Keep dust from accumulating on the keypad and all protective sensors, particularly on motion sensors and smoke detectors.
- The keypad and sensors should be cleaned carefully with a dry soft cloth. **Do not spray water or any other fluid on the units.**

Fire Alarm System (If Installed)

THIS SECTION APPLIES ONLY TO RESIDENTIAL SYSTEMS

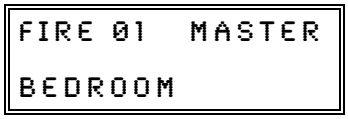
General

Your fire alarm system (if installed) is on 24 hours a day, for continuous protection. In the event of an emergency, the strategically located smoke and heat detectors will sound their alarms and automatically send signals to your system, triggering a loud, interrupted pulsed sound* from the Keypad(s) and any external sounders. A FIRE message will appear at your Keypad and remain on until you silence the alarm (see below for silencing fire alarms).

* Temporal pulse sounding is produced for Fire alarms, as follows:

3 pulses–pause–3 pulses–pause–3 pulses–pause. . . , repeated.

TYPICAL FIRE EMERGENCY DISPLAYS



ALPHA DISPLAY KEYPAD

FIXED-WORD KEYPAD

Silencing Fire Alarms and Clearing Memory of Alarm

1. You can silence the alarm at any time by pressing the **OFF** key (the security code is not needed to silence fire alarms). To clear the display, enter your code and press the **OFF** key again (to clear Memory of Alarm).
2. If the Keypad's FIRE display does not clear after the second OFF sequence, smoke detectors may still be responding to smoke or heat producing objects in their vicinity. Investigate, and should this be the case, eliminate the source of heat or smoke.
3. If this does not remedy the problem, there may still be smoke in the detector. Clear it by fanning the detector for about 30 seconds.

   When the problem has been corrected, clear the display by entering your code and pressing the **OFF** key.

Smoke Detector Reset

Depending on the type of smoke detectors in your system, it may be necessary to "reset" the smoke detectors after a fire alarm has been turned off. Check with your installer. This "reset" is accomplished at a keypad, as follows:

Enter security code*, then press the [**1**] key (* except “arm only” user).

NOTE: During smoke detector reset, “FAULT xx” appears (about six seconds) and should disappear if the detector is clear.

Fire Alarm System (Continued)

THIS SECTION APPLIES ONLY TO RESIDENTIAL SYSTEMS

Manually Initiating a Fire Alarm

1. Should you become aware of a fire emergency before your smoke or heat detectors sense the problem, go to your nearest keypad and manually initiate an alarm by pressing the panic key assigned for FIRE emergency for 2 seconds. If a key pair has been assigned for fire, press both keys at the same time. See the *Using the Panic Keys* section below for further details.
2. Evacuate all occupants from the premises.
3. If flames and/or smoke are present, leave the premises and notify your local Fire Department immediately.
4. If no flames or smoke are apparent, investigate the cause of the alarm. The zone number(s) of the zone(s) in an alarm condition will be displayed at the keypad.

Using the Panic Key(s) Assigned for FIRE Emergency

A key or key pair may have been assigned for manually initiating a FIRE alarm. See the *Panic Keys* section for key assignments.
For convenience, indicate the key or key pair assigned for fire below.

Individual Keys

A B C

☐ ☐ ☐ Press the individual key assigned for fire for 2 seconds.

OR Key Pairs

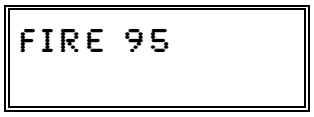
☐ [1 OFF] and [* READY] (zone 95)

☐ [* READY] and [#] (zone 99)

☐ [3 STAY] and [#] (zone 96)

Press the key pair assigned for fire at the same time.

DISPLAYS FOLLOWING MANUAL INITIATION OF A FIRE ALARM



ALPHA DISPLAY KEYPAD

FIXED-WORD KEYPAD

Carbon Monoxide Alarms

If installed, carbon monoxide detectors provide continuous protection. If a high level of carbon monoxide is detected, an interrupted pulsed alarm sound occurs at the keypads and the detector(s). Immediately move to a spot where fresh air is available, preferably outdoors. From a safe area, call your security service provider for further instructions. To silence the keypad sounding, press the **OFF** key. To silence the detector, see its instructions.

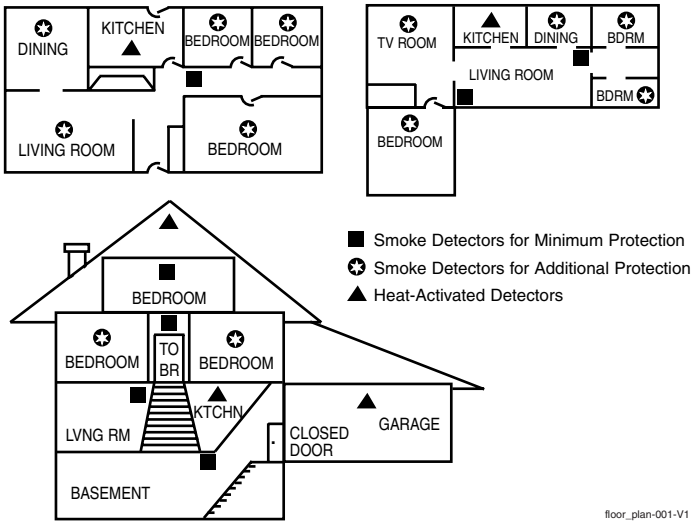
THIS SECTION APPLIES ONLY TO RESIDENTIAL SYSTEMS

National Fire Protection Association Recommendations on Smoke Detectors

With regard to the number and placement of smoke/heat detectors, we subscribe to the recommendations contained in the National Fire Protection Association's National Fire Alarm Code (NFPA 72) noted below.

Early warning fire detection is best achieved by the installation of fire detection equipment in all rooms and areas of the household as follows: A smoke detector installed outside of each separate sleeping area, in the immediate vicinity of the bedrooms and on each additional story of the family living unit, including basements and excluding crawl spaces and unfinished attics.

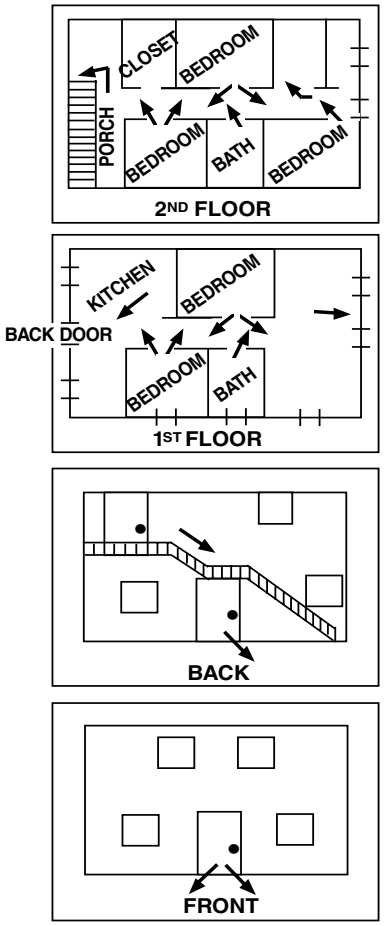
In addition, the NFPA recommends that you install heat or smoke detectors in the living room, dining room, bedroom(s), kitchen, hallway(s), attic, furnace room, utility and storage rooms, basements and attached garages.



Fire Alarm System (Continued)

THIS SECTION APPLIES ONLY TO RESIDENTIAL SYSTEMS

Emergency Evacuation



Establish and regularly practice a plan of escape in the event of fire. The following steps are recommended by the National Fire Protection Association:

1. Position your detector or your interior and/or exterior sounders so that they can be heard by all occupants.
2. Determine two means of escape from each room. One path of escape should lead to the door that permits normal exit from the building. The other may be a window, should your path be impassable. Station an escape ladder at such windows if there is a long drop to the ground.
3. Sketch a floor plan of the building. Show windows, doors, stairs and rooftops that can be used to escape. Indicate escape routes for each room. Keep these routes free from obstruction and post copies of the escape routes in every room.
4. Assure that all bedroom doors are shut while you are asleep. This will prevent deadly smoke from entering while you escape.
5. Try the door. If the door is hot, check your alternate escape route. If the door is cool, open it cautiously. Be prepared to slam the door if smoke or heat rushes in.
6. When smoke is present, crawl on the ground. Do not walk upright, since smoke rises and may overcome you. Clearer air is near the floor.
7. Escape quickly; don't panic.
8. Establish a common meeting place outdoors, away from your house, where everyone can meet and then take steps to contact the authorities and account for those missing. Choose someone to assure that nobody returns to the house — many die going back

Quick Guide to Basic System Functions

FUNCTION	PROCEDURE	COMMENTS
Check Zones	Press READY key.	View faulted zones when system not ready.
Arm System	Enter code. Press arming key desired: (AWAY, STAY, NIGHT-STAY, MAXIMUM, INSTANT)	Arms system in mode selected.
Quick Arm (if programmed)	Press #. Press arming key desired: (AWAY, STAY, MAXIMUM, INSTANT)	Arms system in mode selected, quickly and without use of a code.
Bypass Zone(s)	Enter code. Press BYPASS [6] key. Enter zone number(s) to be bypassed (use 2-digit entries).	Bypassed zones are unprotected and will not cause an alarm if violated.
Quick Bypass (if programmed)	Enter code. Press BYPASS [6] key + [#].	Bypasses all faulted zones automatically.
Silence Sounders		
Burglary:	Enter code. Press OFF [1] key.	Also disarms system. Memory of alarm remains until cleared.
Fire or CO:	Press OFF key.	Memory of Alarm remains until cleared.
"Check":	Press any key.	Determine cause.
Disarm System	Enter code. Press OFF [1] key. (OFF need not be pressed if entry delay or an alarm is active)	Also silences sounders. Memory of alarm remains until cleared.
Clear Alarm Memory	After disarming, enter code again. Press OFF [1] key again.	Keypad beeps rapidly on entry if alarm has occurred while absent. Alarm display will remain upon disarming until cleared.
Duress (if active and connected to Central Station)	Arm or disarm "normally", but use your 4-digit Duress code to do so.	Performs desired action and sends silent alarm to Central Station.
Panic Alarms (as programmed)	Press key [A], [B], or [C] for at least 2 seconds or press designated key pairs.	See the *Panic Keys* section for emergency functions programmed for your system. Note: Keys “A”, “B”, and “C” may have been programmed for other functions.
Chime Mode	*To turn ON or OFF:* Enter code. Press CHIME key.	The keypad will sound if doors or windows are violated while system is disarmed and chime mode is ON.
Test Mode	*To turn ON:* Enter code. Press TEST key. *To turn OFF:* Enter code. Press OFF key.	Tests alarm sounder and allows sensors to be tested.
Phone Access if applicable	Consult *Phone Access User's Guide* that accompanies the Phone Module.	Permits system access remotely, via Touch-tone phone.

Summary of Audible/Visual Notifications

Fixed-Word Display Keypads

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Keypad & Ext.	FIRE ALARM or CO ALARM (CO: keypad/detector only; not external sounder)	**FIRE** or **ALARM** (for CO) is displayed; zone number of zone in alarm is displayed. If a fire alarm is manually activated, zone number 95 will be displayed.
LOUD, CONTINUOUS* Keypad & Ext.	BURGLARY/AUDIBLE EMERGENCY ALARM	**ALARM** is displayed. Zone number of zone in alarm is also displayed.
ONE SHORT BEEP (not repeated) Keypad only	a. SYSTEM DISARM b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE. c. BYPASS VERIFY	a. READY indicator light comes on. b. Number of the open protection zone displayed. c. Zone numbers of the bypassed protection zones are displayed (one beep is heard for each zone displayed). Subsequently, **BYPASS** is displayed.
ONE SHORT BEEP (once every 30 secs) Keypad only	a. SYSTEM IS IN TEST MODE b. LOW BATTERY AT A TRANSMITTER c. SYSTEM WILL AUTOARM WITHIN 10 MINUTES	a. Opened zone numbers will appear. b. **BAT** displayed with zone number of transmitter. c. No special display.
TWO SHORT BEEPS Keypad only	ARM AWAY or MAXIMUM	**AWAY** is displayed. Red ARMED indicator is lit.
THREE SHORT BEEPS Keypad only	a. ARM STAY, NIGHT-STAY, OR INSTANT b. ZONE OPENED WITH SYSTEM IN CHIME MODE.	a. **STAY** or **INSTANT** is displayed. Red ARMED indicator is lit. b. **CHIME** displayed; zone number of open protection zone will be displayed if the [*] key is pressed.
RAPID BEEPING Keypad only	a. TROUBLE b. MEMORY OF ALARM c. SYSTEM LOW BATTERY d. EXT. SOUNDER WIRING FAIL e. LAST 10 SEC of EXIT DELAY	a. **CHECK** displayed. Zone number of troubled protection zone is displayed. b. **FIRE** or **ALARM** is displayed; zone number of zone in alarm is displayed c. **BAT** displayed with no zone ID number. d. **CHECK 70** is displayed. e. No special display.
SLOW BEEPING Keypad only	a. EXIT DELAY WARNING b. ENTRY DELAY WARNING	a. **AWAY** is displayed. b. Exceeding the entry delay time without disarming causes alarm.

* If a bell is used as external sounder, fire alarm is *pulsed ring;* burglary/audible emergency is *steady ring*.

Summary of Audible/Visual Notifications

Alpha Display Keypads

SOUND	CAUSE	DISPLAY
LOUD, INTERRUPTED* Keypad & Ext.	FIRE ALARM or CO ALARM (CO: keypad/detector only; not external sounder)	**FIRE** or **ALARM** (for CO) is displayed; descriptor of zone in alarm is displayed. If a fire alarm is manually activated, zone number 95 will be displayed.
LOUD, CONTINUOUS* Keypad & Ext.	BURGLARY/AUDIBLE EMERGENCY ALARM.	**ALARM** is displayed. If programmed, descriptor of zone in alarm is also displayed
ONE SHORT BEEP (not repeated) Keypad only	a. SYSTEM DISARM. b. SYSTEM ARMING ATTEMPT WITH AN OPEN ZONE. c. BYPASS VERIFY.	a. **DISARMED/READY TO ARM** is displayed. b. Number and descriptor of open protection zone is displayed. c. Numbers and descriptors of the bypassed zones are displayed (One beep is heard for each zone displayed). Subsequently, the following appears: **DISARMED BYPASS /Ready to Arm**
ONE SHORT BEEP (once every 30 secs) Keypad only	a. SYSTEM IS IN TEST MODE. b, LOW BATTERY AT A TRANSMITTER. c. SYSTEM WILL AUTOARM WITHIN 10 MINUTES	a. Opened Zone identifications will appear. b. **LO BAT** displayed with description of transmitter. c. No special display.
TWO SHORT BEEPS Keypad only	ARM AWAY or MAXIMUM.	**ARMED AWAY or MAXIMUM** displayed. Red ARMED indicator lit.
THREE SHORT BEEPS Keypad only	a. ARM STAY, NIGHT-STAY, OR INSTANT. b. ZONE OPENED WHILE SYSTEM IS DISARMED.	a. **ARMED STAY** or **ARMED INSTANT** displayed. Red ARMED indicator lit. b. **CHIME** displayed, descriptor of open zone will be displayed if the [*] key is pressed.
RAPID BEEPING Keypad only	a. TROUBLE. b. MEMORY OF ALARM. c. SYSTEM LOW BATTERY. d. EXT. SOUNDER WIRE FAIL. e. LAST 10 SEC of EXIT DELAY	a. **CHECK** displayed. Descriptor of troubled protection zone is displayed. b. **FIRE** or **ALARM** is displayed; descriptor of zone in alarm is displayed. c. **SYSTEM LO BAT** displayed. d. **BELL FAILURE** is displayed. e. No special display.
SLOW BEEPING Keypad only	a. EXIT DELAY WARNING (if programmed). b. ENTRY DELAY WARNING.	a. **ARMED AWAY OR MAXIMUM** is displayed along with **You May Exit Now.** b**. DISARM SYSTEM OR ALARM WILL OCCUR** is displayed. **Exceeding the delay time without disarming causes an alarm.**

* If a bell is used as external sounder, fire alarm is *pulsed ring;* burglary/audible emergency is *steady ring*.

Regulatory Statements and Warnings

FEDERAL COMMUNICATIONS COMMISSION STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

INDUSTRY CANADA CLASS B STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and RSS210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC & de RSS 210 des Industries Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d' interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

TELEPHONE/MODEM INTERFACE

FCC Part 68

This equipment complies with Part 68 of the FCC rules. On the front cover of this equipment is a label that contains the FCC registration number and Ringer Equivalence Number (REN). You must provide this information to the telephone company when requested.

This equipment uses the following USOC jack: RJ31X

This equipment may not be used on telephone-company-provided coin service. Connection to party lines is subject to state tariffs. This equipment is hearing-aid compatible.

Industry Canada

NOTICE: The Industry Canada Label identifies certified equipment. This certification means that the equipment meets telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together, This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves but should contact appropriate electric inspection authority, or electrician, as appropriate.

Ringer Equivalence Number Notice:

The **Ringer Equivalence Number** (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

Industrie Canada

AVIS: l'étiquette d'Industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme aux normes de protection, d'exploitation et de sécurité des réseaux de télécommunications, comme le prescrivent les documents concernant les exigences techniques relatives au matériel terminal. Le Ministère n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'enterprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée da raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêche pas la dégradation du service dans certaines situations.

Les réparations de matériel nomologué doivent être coordonnées par un représentant désigné par le fournisseur. L'entreprise de télécommunications peut demander à l'utilisateur da débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'energie électrique, de lignes téléphoniques et des canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

Avertissement : L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir racours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

AVIS : L'indice d'équivalence de la sonnerie (IES) assigné à chaque dispositif terminal indique le nombre maximal de terminaux qui peuvent être raccordés à une interface. La terminaison d'une interface téléphonique peut consister en une combinaison de quelques dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

Charts of Your System's Features

SERVICING INFORMATION

Your local authorized service representative is the person best qualified to service your alarm system. Arranging some kind of regular service program with him is advisable.
Your local service representative is:
Name: _____
Address: _____
_____
Phone: _____

General Features

Features	Comments
Exit Delay	
Entry Delay 1	
Entry Delay 2	
Night-Stay Zones	Zones:
Quick Arm	yes no
Quick Bypass	yes no
Automatic Paging	yes no users:
Keyswitch Arming (circle type of LED lighting)	Arm AWAY: steady flash Arm STAY: steady flash

Function Keys

Function Keys	A	B	C	D	Comments
• Single-Button Arming					
• Step Arming					
• Paging (see Paging chart)					
• Time/Date Display					
• Macro Key					
• Emergency Key†† : Personal					
• Emergency Key†† : Silent Alarm					
• Emergency Key†† : Audible Alarm					
• Emergency Key†† : Fire					
• Device Activation					Device:

†† Emergency Keys: A = [1] / [*] B = [*] / [#] C = [3] / [#]

User Setup

The following chart will help keep track of system users. To program a user attribute: Enter system master code + [8] + user no. + "#" command listed in column heading…

User No.	User Name	Security Code enter new code	Auth. Level [#] [1] + level	Access Group [#] [2] + group	RF Zone Number [#] [4] + zone no.	Pager on/off [#] [5] + 0/1
01	installer		installer			(1)
02	system master		master			(1)
03			(0)			(1)
04			(0)			(1)
05			(0)			(1)
06			(0)			(1)
07			(0)			(1)
08			(0)			(1)
09			(0)			(1)
10			(0)			(1)
11			(0)			(1)
12			(0)			(1)
13			(0)			(1)
14			(0)			(1)
15			(0)			(1)
16			(0)			(1)

Authority Levels: 0 = standard user
1 = arm only
2 = guest
3 = duress

Paging: 0 = no paging
1 = allow paging

Paging Setup

	Pager Phone Number\ Prefix Characters	Automatically Reports Upon…							
		open/close		alarm/trouble		zone list		Sched.	Func. Key
Pager	_____								

Schedules: master code + [#] + [6] [4].

No.	Event (see list below)	Device No. for "01" events: (see device list below)	Group No. for "02" events: enter 1-8	Start Time/ Day	Stop Time/ Day	Repeat (0-4)	Random (yes/no)
01							

Events: 00 = clear event
01 = device on/off
02 = user access
03 = latch key report
04 = forced STAY arm
05 = forced AWAY arm
06 = auto disarm
07 = display "reminder"

Repeat Options: 0 = none; 1 = repeat weekly; 2 = repeat every other week; 3 = repeat every third week; 4 = repeat every fourth week

List of Output Devices

Device	Description	Schedule No.	Function Key
01			
02			
03			
04			

– NOTES –

OWNER'S INSURANCE PREMIUM CREDIT REQUEST

This form should be completed and forwarded to your homeowner's insurance carrier for possible premium credit.

A. GENERAL INFORMATION:

Insured's Name and Address: _____

_____

Insurance Company: _____ Policy No.: _____

ADEMCO VISTA-10P/VISTA-10PSIA _____ Other

Type of Alarm: ☐ Burglary ☐ Fire ☐ Both

Installed by: _____ Serviced by: _____

Name Name

_____ _____

Address Address

B. NOTIFIES (Insert B = Burglary, F = Fire)

Local Sounding Device _____ Police Dept. _____ Fire Dept. _____

Central Station ☐ Name: _____

Address: _____

Phone: _____

C. POWERED BY: A.C. With Rechargeable Power Supply

D. TESTING: ☐ Quarterly ☐ Monthly ☐ Weekly ☐ Other _____

continued on other side

OWNER'S INSURANCE PREMIUM CREDIT REQUEST (cont.)

E. SMOKE DETECTOR LOCATIONS

☐ Furnace Room ☐ Kitchen ☐ Bedrooms ☐ Attic

☐ Basement ☐ Living Room ☐ Dining Room ☐ Hall

F. BURGLARY DETECTING DEVICE LOCATIONS:

☐ Front Door ☐ Basement Door ☐ Rear Door ☐ All Exterior Doors

☐ 1st Floor Windows ☐ All windows ☐ Interior locations

☐ All Accessible Openings, Including Skylights, Air Conditioners and Vents

G. ADDITIONAL PERTINENT INFORMATION:

_____

_____

_____

_____

_____

Signature: _____ Date: _____

WARNING! THE LIMITATIONS OF THIS ALARM SYSTEM

While this system is an advanced design security system, it does not offer guaranteed protection against burglary or other emergency. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.
- Intrusion detectors (e.g. passive infrared detectors), smoke detectors, and many other sensing devices will not work without power. Battery operated devices will not work without batteries, with dead batteries, or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.
- Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.
- A user may not be able to reach a panic or emergency button quickly enough.
- While smoke detectors have played a key role in reducing residential fire deaths in the United States, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires, according to data published by the Federal Emergency Management Agency. Some of the reasons smoke detectors used in conjunction with this System may not work are as follows. Smoke detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second floor detector, for example, may not sense a first floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the locations of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.
- Passive Infrared Motion Detectors can only detect intrusion within the designed ranges as diagrammed in their installation manual. Passive Infrared Detectors do not provide volumetric area protection. They do create multiple beams of protection, and intrusion can only be detected in unobstructed areas covered by those beams. They cannot detect motion or intrusion that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors, or windows.

  Mechanical tampering, masking, painting or spraying of any material on the mirrors, windows or any part of the optical system can reduce their detection ability. Passive Infrared Detectors sense changes in temperature; however, as the ambient temperature of protected area approaches the temperature range of 90° to 105°F, the detection performance can decrease.
- Alarm warning devices such as sirens, bells or horns may not alert people or wake up sleepers if they are located on the other side of closed or partly open doors. If warning devices sound on a different level of the residence from the bedrooms, then they are less likely to waken or alert people inside the bedrooms. Even persons who are awake may not hear the warning if the alarm is muffled from a stereo, radio, air conditioner or other appliance, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or waken deep sleepers.
- Telephone lines needed to transmit alarm signals from a premises to a central monitoring station may be out of service or temporarily out of service. Telephone lines are also subject to compromise by sophisticated intruders.
- Even if the system responds to the emergency as intended, however, occupants may have insufficient time to protect themselves from the emergency situation. In the case of a monitored alarm system, authorities may not respond appropriately.
- This equipment, like other electrical devices, is subject to component failure. Even though this equipment is designed to last as long as 10 years, the electronic components could fail at any time.

The most common cause of an alarm system not functioning when an intrusion or fire occurs is inadequate maintenance. This alarm system should be tested weekly to make sure all sensors and transmitters are working properly.

Installing an alarm system may make one eligible for lower insurance rates, but an alarm system is not a substitute for insurance. Homeowners, property owners and renters should continue to act prudently in protecting themselves and continue to insure their lives and property.

We continue to develop new and improved protection devices. Users of alarm systems owe it to themselves and their loved ones to learn about these developments.

– Notes –

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TWO YEAR LIMITED WARRANTY

Honeywell International Inc., acting through its Security & Communications business ("Seller"), 2 Corporate Center Drive, Melville, New York 11747 warrants its products to be free from defects in materials and workmanship under normal use and service, normal wear and tear excepted, for 24 months from the manufacture date code; provided, however, that in the event the Buyer presents a proper invoice relating to the purchased product and such invoice bears a date later than the manufacture date, then Seller may at its discretion, reflect the warranty period as commencing at invoice date. Except as required by law, this Limited Warranty is only made to Buyer and may not be transferred to any third party. During the applicable warranty period, Seller will repair or replace, at its sole option and as the exclusive remedy hereunder, free of charge, any defective products.

Seller shall have no obligation under this Limited Warranty or otherwise if the product:

(i) is improperly installed, applied or maintained;

(ii) installed outside of stated operating parameters, altered or improperly serviced or repaired by anyone other than the Seller/Seller's Authorized Service/Repair Center;

(iii) damage is caused by outside natural occurrences, such as lightning, power surges, fire, floods, acts of nature, or the like; or

(iv) defects result from unauthorized modification, misuse, vandalism, alterations of serial numbers, other causes unrelated to defective materials or workmanship, or failures related to batteries of any type used in connection with the products sold hereunder.

Exceptions to Warranty With Respect to Honeywell Products listed below:

Hardwire Contacts and PIRs – Seller warrants parts for hardwire contacts and PIRs in accordance with the terms of the above limited warranty for a period of five (5) years from the manufacture date code.

EXCLUSION OF WARRANTIES, LIMITATION OF LIABILITY

THERE ARE NO WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. TO THE FULLEST EXTENT PERMITTED BY LAW, IN NO CASE SHALL SELLER BE LIABLE TO ANYONE FOR ANY (i) CONSEQUENTIAL, INCIDENTAL, INDIRECT, SPECIAL, OR PUNITIVE DAMAGES ARISING OUT OF OR RELATING IN ANY WAY TO THE PRODUCT AND/OR FOR BREACH OF THIS OR ANY OTHER WARRANTY OR CONDITION, EXPRESS OR IMPLIED, OR UPON ANY OTHER BASIS OF LIABILITY WHATSOEVER, EVEN IF THE LOSS OR DAMAGE IS CAUSED BY SELLER'S OWN NEGLIGENCE OR FAULT AND EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH LOSSES OR DAMAGES. Any product description (whether in writing or made orally by Seller or Seller's agents), specifications, samples, models, bulletin, drawings, diagrams, engineering sheets or similar materials used in connection with the Buyer's order are for the sole purpose of identifying the Seller's products and shall not be construed as an express warranty or condition. Any suggestions by Seller or Seller's agents regarding use, applications, or suitability of the products shall not be construed as an express warranty or condition unless confirmed to be such in writing by Seller. Seller does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss by burglary, robbery, fire or otherwise, or that the products will in all cases provide adequate warning or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of a burglary, robbery or fire without warning, but it is not insurance or a guarantee that such will not occur or will not cause or lead to personal injury or property loss. CONSEQUENTLY, SELLER SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON ANY CLAIM AT ALL INCLUDING A CLAIM THE PRODUCT FAILED TO GIVE WARNING. However, if Seller is held liable whether directly or indirectly for any loss or damage with respect to the products it sells, regardless of cause or origin, its maximum liability shall not in any case exceed the purchase price of the product, which shall be fixed as liquidated damages and not as a penalty, and shall be the complete and exclusive remedy against the Seller. Should your product become defective during the warranty, please contact your installer to facilitate repair or replacement with Seller pursuant to the terms hereof. Seller reserves the right to replace any defective product under warranty with new, refurbished, or remanufactured product.

Honeywell

2 Corporate Center Drive, Suite 100
P.O. Box 9040, Melville, NY 11747
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